

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 G01R1/073 B25J9/10

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G01R B25J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category * | Citation of document, with indication, where appropriate, of the relevant passages           | Relevant to claim No.                       |
|------------|--|---|
| X          | US 4 449 884 A (MOTODA KENRO)<br>22 May 1984 (1984-05-22)<br><br>the whole document          | 1-5,<br>7-22,<br>24-36,<br>39-46, 49        |
| X          | US 6 396 257 B1 (BAKER DAVID A ET AL)<br>28 May 2002 (2002-05-28)<br><br>the whole document  | 1, 2, 4-9,<br>11, 12,<br>14-18<br>23        |
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|            | -/--   |   |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 January 2005

Date of mailing of the international search report

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Information on patent family members

International Application No  
PCT/US2004/025172

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